

Work Order ID 98594

March-14-13 1:15:59 PM

WIP - Costed
Not valid -

98594

~~PRELIMINARY ISSUE~~
DAS
9-89

Page 1

Item ID: D4781-041
Revision ID: PRELIM
Item Name: Doubler Assembly

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 3/14/13 Start Qty: 4.00
Required Date: 3/28/13 Req'd Qty: 4.00

4

4

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: *MLJ*
QC:

Date: 13-03-14

Tooling:

Date:

Date:

SPC (Y/N):

Date:

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr	
----------	--------------	--

D4781	<i>PA1</i> <i>ROS A U</i>	DAS 9 9-89
-------	---------------------------	------------------

100	<i>SWD</i>	0.00
-----	------------	------

100

Waterjet

FLOW CNC Waterjet

FLOW WATER JET

Memo 4781-3
Cut as per Dwg
Dwg Rev: *PA1*
Prog Rev: *PA1*

Deburr if required

110	QC2- Inspect parts off machine FAI/FAIB	0.00
-----	---	------

110

QC

Quality Control

Memo

0.00

4 *0* *Jm 13-3-16*

4 *0* *Jm 13-3-16*

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Work Order Update ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data ☐											
Equip/Tooling ☐											
Operator ☐											
Material ☐											
Setup ☐											
Other ☐											
Process ☐											
Supplier ☐											
Training ☐											
Unapproved ☐											
FAULT CATEGORY											
Landing Gear ☐ Bending ☐ Centre Not Concentric to O/S ☐ Cracks ☐ Crushed/Crimped ☐ Cuffs ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Ripples in Bend ☐ Torque Waves in Extrusion ☐ Turning Sequence ☐ Wave/Twist in Tube			General ☐ Bend ☐ BOM/Route ☐ Broken/Damaged ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drill Holes ☐ Drawing ☐ Finish ☐ Folio			☐ Grain ☐ Hardware ☐ Inspection Incomplete ☐ Instructions Incomplete/Unclear ☐ Maintenance ☐ Mislabeled ☐ Misread ☐ Offset ☐ Out of Calibration ☐ Out of Sequence ☐ Outside Dimensions			☐ Ovalized ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other		

Work Order ID 98594

98594

Page 2

March-14-13 1:15:59 PM

Item ID: D4781-041
Revision ID: PRELIM
Item Name: Doubler Assembly

Accept

N900040100

Setup Start ***NS1***

Stop ***NS2***

Start Date: 3/14/13 Start Qty: 4.00 ***4***
Required Date: 3/28/13 Req'd Qty: 4.00 ***4***

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start ***NR1***
QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

120 QC8- Inspect parts - second check

120

QC

Memo

0.00

0.00


13325

4
insp on Res
Dwg PAI

130

130

Small Fab

Small Fab

Memo

0.00

0.00

C'SINK HOLES AS PER DWG

4x


3/23/26

140

140

QC

QC5- Inspect part completeness to step on W/O

Memo

0.00

0.00


13326

4
insp on Res
Dwg PAI

Quality Control

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Work Order Update ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
☐ Bending	☐ Bend	☐ Grain
☐ Centre Not Concentric to O/S	☐ BOM/Route	☐ Hardware
☐ Cracks	☐ Broken/Damaged	☐ Inspection Incomplete
☐ Crushed/Crimped	☐ Burrs	☐ Instructions Incomplete/Unclear
☐ Cuffs	☐ Contamination	☐ Maintenance
☐ Heat Treat	☐ Countersink	☐ Mislabeled
☐ Inspection Strip in Tube	☐ Cut Too Short	☐ Misread
☐ Ripples in Bend	☐ Drill Holes	☐ Offset
☐ Torque Waves in Extrusion	☐ Drawing	☐ Out of Calibration
☐ Turning Sequence	☐ Finish	☐ Out of Sequence
☐ Wave/Twist in Tube	☐ Folio	☐ Outside Dimensions
		☐ Ovalized
		☐ Over/Under tolerance
		☐ Part Incorrect
		☐ Part Lost/Missing
		☐ Part Moved
		☐ Positioned Wrong
		☐ Power Loss/Surge
		☐ Pressure/Forced
		☐ Temperature/Cure
		☐ Weld
		☐ Wrong Stock Pulled
		☐ Other

Work Order ID 98594

98594

March-14-13 1:15:59 PM

Item ID: D4781-041
Revision ID: PRELIM
Item Name: Doubler Assembly

Accept

N900040100

Setup Start ***NS1***

Stop ***NS2***

Start Date: 3/14/13 Start Qty: 4.00 ***4***
Required Date: 3/28/13 Req'd Qty: 4.00 ***4***

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan:
QC:

Date:
Date:

Tooling:
SPC (Y/N):

Date:
Date:

Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

150 Chemical Conversion Coat per QSI005 4.1 0.00

150

HandFinish

Memo

0.00

Hand Finishing

Handwritten: 21 260327

160 QC7-Inspect Chemical Conversion Coat 0.00

160

QC

Memo

0.00

Quality Control

Handwritten: 4x mf 13/03/28

170 White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum 0.00

170

Powdercoat

Memo

0.00

Powder Coating

START TIME: *8:15*
OVEN TEMPERATURE: *320°F*
FINISH TIME: *8:45*

Handwritten: 4x mf 13/03/28

Handwritten: m124245

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Work Order Update ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric to O/S ☐ Cracks ☐ Crushed/Crimped ☐ Cuffs ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Ripples in Bend ☐ Torque Waves in Extrusion ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damaged ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drill Holes ☐ Drawing ☐ Finish ☐ Folio	☐ Grain ☐ Hardware ☐ Inspection Incomplete ☐ Instructions Incomplete/Unclear ☐ Maintenance ☐ Mislabeled ☐ Misread ☐ Offset ☐ Out of Calibration ☐ Out of Sequence ☐ Outside Dimensions
		☐ Ovalized ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge
		☐ Pressure/Forced ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other

Work Order ID 98594

98594

Page 4

March-14-13 1:15:59 PM

Item ID: D4781-041
Revision ID: PRELIM
Item Name: Doubler Assembly

Accept

N900040100

Setup Start ***NS1***

Stop ***NS2***

Start Date: 3/14/13 Start Qty: 4.00

4

Cust Item ID:

Required Date: 3/28/13 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan:
QC:

Date:
Date:

Tooling:
SPC (Y/N):

Date:
Date:

Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

180 QC3- Inspect Part Finish

0.00

180

QC

Memo

0.00

Quality Control

4x d 11.13.10.20

190

0.00

190

Small Fab

Memo

0.00

Small Fab

INSTALL NUTPLATE AS PER DWG

4 88 13-04-02

200

QC5- Inspect part completeness to step on W/O

0.00

200

QC

Memo

0.00

Quality Control

13.42

4
inspected on line
Positive Recall
EFFECTIVE 13-08-14 AUTH
RELEASED 9 DATE 1508-31
9-89

2x Release of Rev A

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Work Order Update ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data				1							
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear ☐ Bending ☐ Centre Not Concentric to O/S ☐ Cracks ☐ Crushed/Crimped ☐ Cuffs ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Ripples in Bend ☐ Torque Waves in Extrusion ☐ Turning Sequence ☐ Wave/Twist in Tube				General ☐ Bend / ☐ BOM/Route ☐ Broken/Damaged ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drill Holes ☐ Drawing ☐ Finish ☐ Folio				☐ Grain ☐ Hardware ☐ Inspection Incomplete ☐ Instructions Incomplete/Unclear ☐ Maintenance ☐ Mislabeled ☐ Misread ☐ Offset ☐ Out of Calibration ☐ Out of Sequence ☐ Outside Dimensions		☐ Ovalized ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other	

Work Order ID 98594

98594

Page 5

March-14-13 1:15:59 PM

Item ID: D4781-041
Revision ID: PRELIM
Item Name: Doubler Assembly

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 3/14/13 Start Qty: 4.00 *4*
Required Date: 3/28/13 Req'd Qty: 4.00 *4*

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan:
QC:

Date: Tooling:
Date: SPC (Y/N):

Date: Run Start *NR1*
Date: Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID Tool # Plan
Code Accept Reject Reject Insp.
Qty Qty Number Stamp

210

Identify as per dwg & Stock Location

0.00

210

Packaging

Memo

0.00

Packaging

220

QC21- Final Inspection - Work Order Release

0.00

220

QC

Memo

0.00

Quality Control

SEP 01 2015

W/O #
in BOM Not Valid
in WIP - Costed.

mf
13-4-02

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Work Order Update ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data ☐									
Equip/Tooling ☐									
Operator ☐									
Material ☐									
Setup ☐									
Other ☐									
Process ☐									
Supplier ☐									
Training ☐									
Unapproved ☐									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric to O/S ☐ Cracks ☐ Crushed/Crimped ☐ Cuffs ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Ripples in Bend ☐ Torque Waves in Extrusion ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damaged ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drill Holes ☐ Drawing ☐ Finish ☐ Folio	☐ Grain ☐ Hardware ☐ Inspection Incomplete ☐ Instructions Incomplete/Unclear ☐ Maintenance ☐ Mislabeled ☐ Misread ☐ Offset ☐ Out of Calibration ☐ Out of Sequence ☐ Outside Dimensions	☐ Ovalized ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge	☐ Pressure/Forced ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
---	---	---	--	---

Picklist Print

Page 1

March-14-13 1:16:02 PM

Work Order ID: 98594

98594

Parent Item: D4781-041

D4781-041

Parent Item Name: Doubler Assembly

Start Date: 3/14/13

Required Date: 3/28/13

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A 13.03.14 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M6061T6S.063

Purchased

No

sf

292.0625

~~0.375895~~

M6061T6S 063

**

0.4

JmB 3-16

6061-T6 .063 Sheet

Location

Loc Qty

Loc Code

MAT021

292.0625

123135

120.5625

124003

171.5

124003

MS20426AD3-3

Purchased

No

Each

6,985.000

32

MS20426AD3-3

**

Rivet

Location

Loc Qty

Loc Code

GA

9

122814

9

32

FF 13-04-02

ST316

699

119109

282

19099

417

ST333

6277

121011

69

123352

6208

MS21075L3

Purchased

No

Each

384.0000

16

MS21075L 3

**

Nutplate

FF 13-04-02

Location

Loc Qty

Loc Code

GA

379

124670

379

16

ST318

5

123832

5

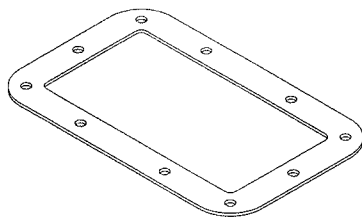
NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

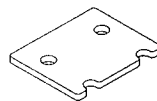
DQA: _____ Date: _____

QA Closed: _____ Date: _____

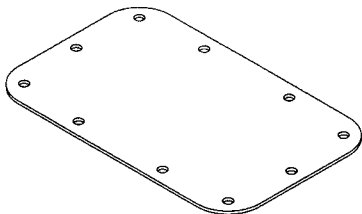
Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Work Order Update ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data ☐											
Equip/Tooling ☐											
Operator ☐											
Material ☐											
Setup ☐											
Other ☐											
Process ☐											
Supplier ☐											
Training ☐											
Unapproved ☐											
FAULT CATEGORY											
Landing Gear ☐ Bending ☐ Centre Not Concentric to O/S ☐ Cracks ☐ Crushed/Crimped ☐ Cuffs ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Ripples in Bend ☐ Torque Waves in Extrusion ☐ Turning Sequence ☐ Wave/Twist in Tube			General ☐ Bend ☐ BOM/Route ☐ Broken/Damaged ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drill Holes ☐ Drawing ☐ Finish ☐ Folio			☐ Grain ☐ Hardware ☐ Inspection Incomplete ☐ Instructions Incomplete/Unclear ☐ Maintenance ☐ Mislabeled ☐ Misread ☐ Offset ☐ Out of Calibration ☐ Out of Sequence ☐ Outside Dimensions			☐ Ovalized ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other		



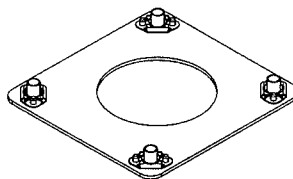
D4781-1 DOUBLER



D4781-5 DOUBLER



D4781-3 DOUBLER



D4781-041 DOUBLER ASSY

98594. MJS
13-03-14

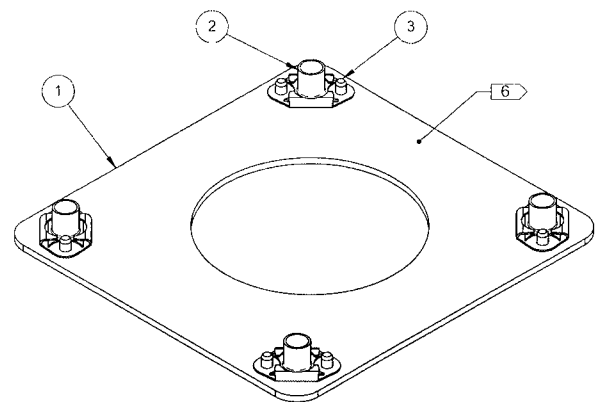
PRELIMINARY ISSUE

13.02.21

PA1	NEW ISSUE	MB	13.02.21
REV.		BY	DATE
DESIGN	J	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	J		
CHECKED	ALS	DRAWING NO.	REV. PA1
MFG. APPR.	D	D4781	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		DOUBLER	NTS
DATE	13.02.21	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

98594

ITEM	QTY -041	P/N	DESCR.
	X	D4781-041	DOUBLER ASSY
1	1	D4781-7	DOUBLER
2	4	MS21075L3	NUT PLATE
3	8	MS20426AD3-3	RIVET CSK



D4781-041 DOUBLER ASSY

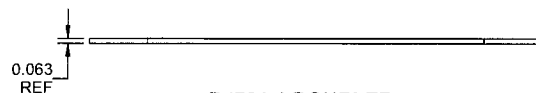
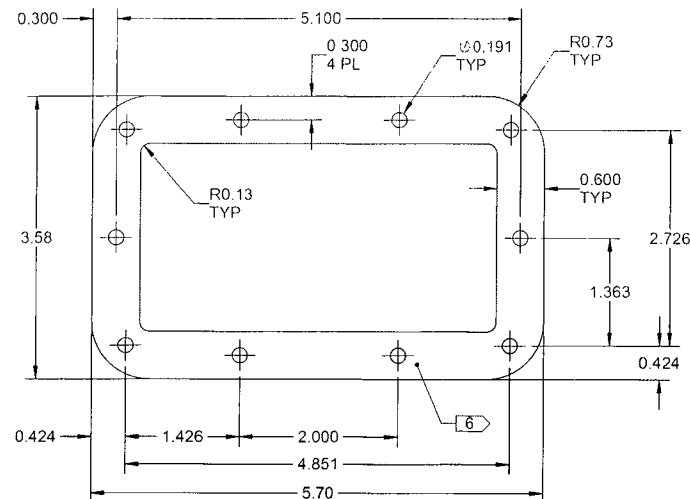
- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4781-041" AND B/N "BXXXXX" PER DART QSI 044 6.1 (FINE POINT MARKER)
 - 7) WEIGHT: 0.07

PRELIMINARY ISSUE

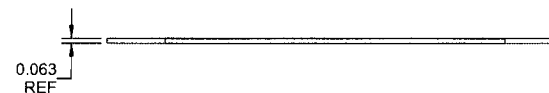
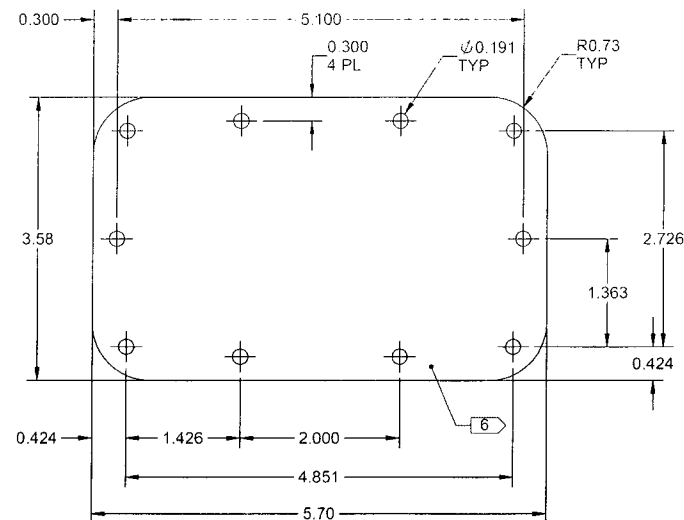
13.02.21

DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA
CHECKED	<i>[Signature]</i>	DRAWING NO. REV. PA1
MFG. APPR.	<i>[Signature]</i>	D4781 SHEET 2 OF 4
APPROVED		TITLE SCALE
DE APPR.		DOUBLER NTS
DATE	13.02.21	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD

98594



D4781-1 DOUBLER



D4781-3 DOUBLER

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.063 THICK PER QQ-A-250/3 OR AMS QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 REF DART SPEC M6061T6S.063
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT "WHITE GLOSS" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4781-X" AND B/N "BXXXXX" PER DART QSI 044 6.1 (FINE POINT MARKER)
- 7) WEIGHT: D4781-1 = 0.05 lbs; D4781-3 = 0.13 lbs

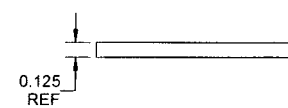
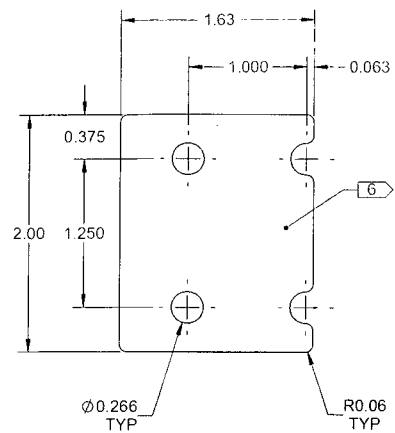
PRELIMINARY ISSUE

13.02.21

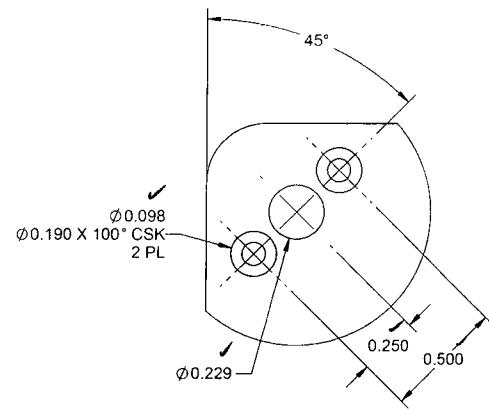
DESIGN		DART AEROSPACE LTD
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. REV. PA1
MFG. APPR.		D4781 SHEET 3 OF 4
APPROVED		TITLE SCALE
DE APPR.		DOUBLER NTS
DATE	13.02.21	COPYRIGHT © 2013 BY DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE REPRODUCED OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD

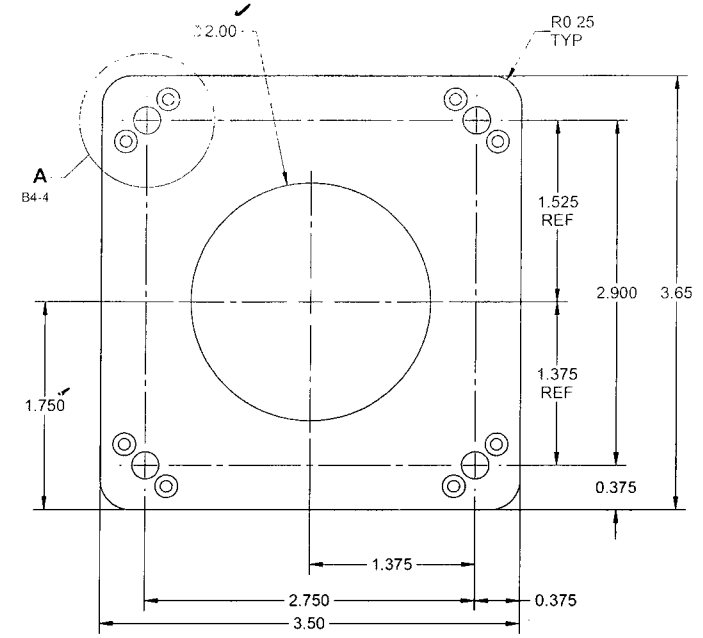
98594



D4781-5 DOUBLER



DETAIL A D4-4
4 PL, SCALE 2X



D4781-7 DOUBLER

NOTES:

- 1) MATERIAL: -5: 6061-T6/T62 ALUMINUM SHEET 0.125 THICK PER QQ-A-250/3 OR AMS QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 REF DART SPEC M6061T6S.125
-7: 6061-T6/T62 ALUMINUM SHEET 0.063 THICK PER QQ-A-250/3 OR AMS QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209 REF DART SPEC M6061T6S.063
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT "WHITE GLOSS" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4781-5" AND B/N "BXXXXX" PER DART QSI 044 6.1 (FINE POINT MARKER)
- 7) WEIGHT: D4781-5 = 0.04 lbs; D4781-7 = 0.06 lbs

PRELIMINARY ISSUE

13.02.21

DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. PA1
MFG. APPR.	<i>[Signature]</i>	D4781	SHEET 4 OF 4
APPROVED		TITLE	SCALE
DE APPR.		DOUBLER	NTS
DATE	13.02.21	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR FOR COMMUNICATION TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

DART AEROSPACE LTD		Work Order:	
Description:		Part Number:	
Inspection Dwg:	Rev:	Page 1 of 1	

FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø 0.098"	+0.004" -0.001"	0.098"	✓		V	Jkmo:
Ø 0.229"	+0.005" -0.001"	0.229"	✓		V	
Ø 2.00"	+0.012" -0.001"	2.00"	-		V	
0.250"	+/-0.010"	0.251"	-		V	
0.500"	+/-0.010"	0.503"	-		V	
1.750"	+/-0.010"	1.754"	-		V	
1.375"	+/-0.010"	1.375"			V	
0.375"	+/-0.010"	0.377"	-		V	
2.750"	+/-0.010"	2.750"	✓		V	
3.50"	+/-0.030"	3.506"	-		V	
1.525"	+/-0.010"	1.525"	-		V	
1.375"	+/-0.010"	1.375"	✓		V	
2.900"	+/-0.010"	2.899"	-		V	
3.65"	3.657" ±0.001"	3.657"	-		V	
0.063"	+/-0.010"	0.060"	-		V	

Measured by: Jm	Audited by: 	Preliminary Approval:
Date: 13-3-16	Date: 13-5-26	Date:

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

10.04.15

Receiving Report

Date: 12-12-11
 Supplier: Campi

Batch No: 124003
 Dart P/O: 186008

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☒ N/A ☐
 Waybill Attached: Yes ☒ No ☒ N/A ☐
 Shipment Complete: Yes ☒ No ☒ N/A ☐
 QC6 Inspection: 2.0 ☒ N/A ☒
 Work Order: 2.0 ☒ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

SP

Production/Admin: 12-12-11
 Date
 Received/Costing SP
 Initial

Location _____

Purchase Order Receipt Listing

Page 1 of 1

Tuesday, December 11, 2012 2:31:49 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO18608 Receipt Dates from 12/11/2012 to 12/11/2012 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-CAM002	Camp Steel								
PO18608	1		M6061T6S.063	sf	12/17/2012	12/11/2012	288.0000	\$3.40	0.0000	0	\$978.22
CAD	No		6061-T6 .063 Sheet	sf	288.0000	DESJ02		\$978.22	0.0000	0	
			124003								

Total Received Quantity: 288.0000

Total Qty to Inspect (PO U/M): 0.0000

Total Reject Quantity: 0.0000

Total Receipt Value: \$978.22

Total Balance Due Quantity: 0.0000

C A M P I
935, boul. du Havre
Valleyfield (Québec)
J6S 5L1

TÉLÉPHONE : 450 377-4248
FAX : 450 377-5696

MONTRÉAL : 514 336-4248
FAX : 514 336-4246

DISTRIBUTEUR D'ACIER ET MÉTAUX SPÉCIALISÉS
STEEL AND SPECIALTY METALS DISTRIBUTOR

ONTARIO : 1 800 667-4248
FAX : 1 866 456-4242

On a du Savoir "FER"

VENDU À / SOLD TO:

613-632-5200 613-632-1053

EXPÉDIEZ À / SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY,
ONTARIO
K6A 1K7

EQUIP:001 LIFT

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY,
ONTARIO
K6A 1K7

COMMANDE
ORDER

N° 209069

DATE 07/12/12

BON DE LIVRAISON
PACKING SLIP N°

DATE DE LIVRAISON
DELIVERY DATE 11/12/12

VOTRE N° DE COMMANDE / YOUR PO. N°	VEND. / SALESM.	CODE CLIENT / CUST. CODE	EXPÉDIE PAR / SHIP VIA	TERMES / TERMS	TERR.	REMARQUES / REMARKS	PAGE N°
P018600	V	DAER		NET 30 JOURS	2R		001

CODE DE PRODUIT PRODUCT CODE	COMMANDE ORDERED	EXPÉDIE SHIPPED	DESCRIPTION	POIDS WEIGHT	PRIX PRICE	PAR PER *	MONTANT AMOUNT
			**MILL TEST REQUIS				
	6	6x4x12	ELITE ALU 6061-T6 .063" (6 X) 4" X 12"	6.00			
			Heat# H9479082				

* Unités de mesure : CLB Cent livres • CPI Cent pieds • UN Unité • PI Pied • PC Pied carré
Units of measure: Hundred pounds • Hundred feet • Unit • Foot • Square foot

POIDS TOTAL
TOTAL WEIGHT 6

CONDITIONS:

LES MATÉRIAUX LIVRÉS ET FACTURÉS SONT À LA CHARGE DE L'ACHETEUR. LA GARANTIE DE QUALITÉ DU MATÉRIEL EST LA MÊME QUE CELLE DU FABRICANT. L'ACHETEUR S'ENGAGE À RESPECTER LES CONDITIONS SUIVANTES: NET 30 JOURS DE LA DATE DE FACTURATION, ET TOUT COMPTE IMPAYÉ DANS LES 30 JOURS ENTRAINER DES FRAIS DE 2% PAR MOIS (24% PAR ANNÉE) JUSQU'À ACCEPTÉ DE PAYER. TOUT DÉFAUT D'EXÉCUTION D'UNE OU L'AUTRE DES OBLIGATIONS EN VERTU DU PRÉSENT CONTRAT ENTRAINER LA DÉCHÉANCE DU TERME ET PERMET À L'AUTRE PARTIE DE RÉCLAMER TOUT SOLDE DU PRIX DE VENTE OU DE REPRISE. TOUTE RÉCLAMATION DOIT ÊTRE FAITE DANS LES CINQ JOURS SUivant PRÉSENTATION DE CE DOCUMENT. TOUTE MARCHANDISE ENDOMMAGÉE, ALTÉRÉE OU DÉFECTUEUSE NE PEUT ÊTRE REPRISE. AUCUN RETOUR DE MARCHANDISE NE SERA ACCEPTÉ SANS NOTRE AUTORISATION. TOUTE MARCHANDISE RETOURNÉE SERA SUIVIE À DES FRAIS DE MANTENANCE DE 25%.

CONDITIONS:

ALL SOLD AND DELIVERED MATERIALS REMAIN THE PROPERTY OF "ACIER CAMP I INC." UNTIL PAYMENT IS MADE IN FULL, COMPLETE AND CASHED. ALL LOST MATERIALS ARE AT THE BUYER'S EXPENSE. ALL MATERIALS BEAR THE SAME WARRANTY AS GIVEN BY THE MANUFACTURER. THE BUYER HEREBY ACCEPTS TO RESPECT THE FOLLOWING CONDITIONS: NET 30 DAYS FROM BILLING DATE AND THE BUYER ACCEPTS TO PAY ADMINISTRATION CHARGES OF 2% PER MONTH, OR 24% PER ANNUM ON ALL PAY DUE ACCOUNTS OVER 30 DAYS. ANY DEFAULT IN RESPECT WITH THIS CONTRACT WILL LEAD TO PAYMENT BY ACCELERATION AND PERMITS TO THE SELLER AT HIS CHOICE TO CLAIM FOR THE BALANCE DUE OR THE REPOSSESSION OF THE GOODS SOLD. ANY CLAIM MUST BE MADE WITHIN FIVE DAYS WITH THIS DOCUMENT ENCLOSED. ANY MARCHANDISE THAT HAS BEEN DAMAGED, CUT OR MODIFIED CANNOT BE RETURNED. ALL GOODS RETURNED MUST BE WITH OUR AUTHORIZATION AND ARE SUBJECT TO A 25% RESTOCKING CHARGE.

MARCHANDISE RECUE EN BONNE CONDITION MERCHANDISE RECEIVED IN GOOD CONDITION

PRÉPARÉ / PREPARED	VÉRIFIÉ / VERIFIED	LIVRÉ / DELIVERED	HEURE / TIME
PAR BY	PAR BY	PAR BY	

SIGNATURE
CLIENT / CUSTOMER'S SIGNATURE
DATE

SOUS-TOTAL
SUB TOTAL

T.P.S.
G.S.T.

T.V.Q. / T.V.H.
Q.S.T. / H.S.T.

TOTAL

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4679 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Per:

Rob Woodall

Rob Woodall
Director of Manufacturing Davenport Works

Terrance Thom

Terrance Thom
Quality Assurance Manager

1381354 Ship Date	0 B.L. No.	Invoice No.	Alcoa No.	Item
2012-05-16	7036272	00000	1000363803-3	DPE-63803-3
P.O. No./Govt Contract No.	Customer	Alcoa Item		
C64813 Ln# 3				

Page 1 of 2

Ship To:

Item Description
0.063 IN TK (+0.0000 - .0035) X 48.0 IN W (+.125 - .135) X 144.0 IN LN (+.15625 - .15625) (N) A/T 6061-T6 FLAT SHEET FOR DISTRIBUTORS TOLERANCE GUARANTEED. AMS4027 REV N EXC MRK ASME-SB-209 REV 11 EXC MRK ASTM B209 REV 10 CMM P025 REV U ((MARKED)) KRAFT PAPER INTERLEAVED MAX GROSS SKID WGT: 4500 LB QUAN TOL +/-30 + CQR 0222751 REV 07 CUST REQ 12-05-12 *** W/E 12-05-26 ***

Num	Package Ticket	Lot	Weight	Quantity	UOM	Inspector Clock Numbers
1	411520	463274	4081	100	PC	27649 47004 2892116
2	411522	463274	4087	100	PC	27649 47004 2892117
3	411528	463274	3105	76	PC	27649 47004 2892118
			11273	276		

Notes for CQR: 0222751.7

PRODUCT PRODUCED TO THE REQUIREMENTS OF AMS4027 REV N ALSO MEET THE REQUIREMENTS OF AMS-QQ-A-250_11 ORIGINAL REVISION DATED 1997-08-01.

CQR: 0222751.7 -Specification Limits -

Temp	Dir	Max	Min	UTS KSI	TYS KSI	EL4D PCT
T6	Long Transv.			42.0	35.0	10

DAV
05
89 12.12.12

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Per

Rob Woodall

Rob Woodall
Director of Manufacturing Davenport Works

Terence Thom

Terence Thom
Quality Assurance Manager

1381354 Ship Date	0 B.L. No.	Invoice No.	Alcoa No. Item
2012-05-16	7036272	00000	1000363803-3 DPE-63803-3
P.O. No./Govt Contract No.		Customer	Alcoa Item
C64813 Ln#: 3			

Page 2 of 2

CQR: 0222751.7 -Specification Limits (cont.)

Chemical Composition	SI	FE	CU	MN	MG	CR	ZN	TI	Other	Other	Each	Total	Aluminum
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15			
Min	0.40		0.15		0.8	0.04							

Alloy 6061 Lot: 463274 - Mechanical, Physical, Metallography, Quantometer Results

Temp	Dir	No->	UTS	TYS	EL4D
T6	Long Transv.	10	KSI	KSI	PCT
			51.1	44.8	12.1
			50.9	44.7	11.6
			51	44.7	11.5
			51	44.7	11
			51	44.7	12.2
			50.5	44	11.7
			50.7	44.4	11.3
			50.5	44.2	11.5
			50.5	44.2	11
			50.6	44.4	11.6

Cast Number	Chemical - OES	SI	FE	CU	MN	MG	CR	ZN	TI
H9479082	Actuals	0.66	0.4	0.27	0.06	0.9	0.17	0.03	0.02

This material was melted in the United States or a Qualifying Country [REF DPAKS 225.872.1(a)]; it was manufactured in the United States



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18608

Purchase Order Date 12/07/12

PO Print Date 12/07/12

Page Number 1 of 1

Order From :

VC-CAM002

CAMPI STEEL
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Contact Name

Vendor Phone

800 667 4248

Vendor Fax

450 377 5696

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED
613 632 1053

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6S.063	6061-T6 .063 Sheet	12/17/12 Yes	288.00 sf	Yours ppd	\$3.3750	\$972.00

Special Inst: MATERIAL: 6061-T6/T62 ALUMINUM
SHEET
AS PER QQ-A-250/11 OR AMS-QQ-A-
250/11 OR
AMS 4025 OR AMS 4027 OR ASTM B209

NOTE: RECEIVING DEPARTMENT WILL
BE CLOSE FOR INVENTORY ON
DECEMBER 13 AND 14

PO Total:

\$972.00

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

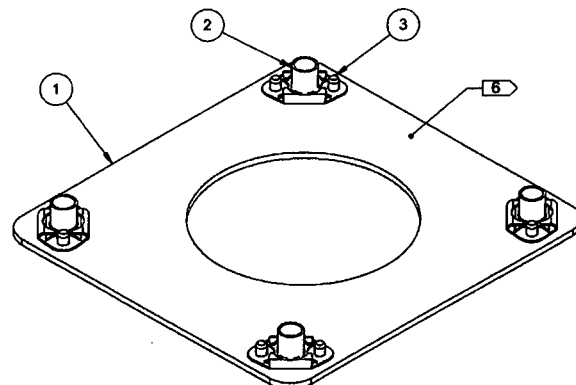
Change Nbr: 2

Change Date: 12/07/12

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required - YES NO

ITEM	QTY	P/N	DESCRIPTION
	X	D4781-041	DOUBLER ASSY
1	1	D4781-7	DOUBLER
2	4	MS21075L3	NUT PLATE
3	8	MS20426AD3-3	RIVET, CSK



D4781-041 DOUBLER ASSY

RELEASED
2013-04-02

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4781-041" AND B/N "BXXXXX" PER DART QSI 044 6.1 (FINE POINT MARKER)
- 7) WEIGHT: 0.07

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	ASS	DRAWING NO. D4781	REV. A
MFG. APPR.			SHEET 2 OF 4
APPROVED		TITLE DOUBLER	SCALE NTS
DE APPR.			
DATE	13.02.21	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	